

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Daniel W. van der Weide, et al.

Title: DIRECT RADIO-FREQUENCY DETECTION OF NUCLEOTIDE
HYBRIDIZATION AT MICROELECTRODES

Appl. No.: Unknown

Filing Date: October 27, 2003

Examiner: Unknown

Art Unit: Unknown

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Mail Stop PATENT APPLICATION
Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

Submitted herewith on Form PTO-1449 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56. A copy of each listed document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the filing date of the application.

RELEVANCE OF EACH DOCUMENT

All of the documents are in English.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO-1449 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 50-2350. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-2350.

Respectfully submitted,

Date October 27, 2003

By 

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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Daniel W. van der Weide, et al.			
				FILING DATE October 27, 2003		GROUP ART UNIT Unknown	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Souteyrand, <i>et al.</i> , "Direct Detection of the Hybridization of Synthetic Homo-Oligomer DNA Sequences by Field Effect," <i>J Phys Chem B</i> (101) pp. 2980-2985, 1997.					
		Berggren, <i>et al.</i> , "A Feasibility Study of a Capacitive Biosensor for Direct Detection of DNA Hybridization," <i>Electroanalysis</i> (11) 3: pp.: 156-160, 1999.					
		Souteyrand, <i>et al.</i> , "Comparison Between Electrochemical and Optoelectrochemical Impedance Measurements for Detection of DNA Hybridization," <i>J Appl. Biochem Biotech</i> (89): pp. 195-207, 2000.					
		Berney, <i>et al.</i> , "A DNA Diagnostic Biosensor: Development, Characterisation and Performance," <i>Sensors and Actuators B</i> 68, pp. 100-108, 2000.					
EXAMINER				DATE CONSIDERED			
* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.							